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## ABSTRACT

This is a report on 2000-2001 Perkins III core performance standards and measures for the Virginia Community College System (VCCS). Perkins performance measure definitions for the system were finalized with the Virginia and federal departments of education in fall 2000. Core indicators include: (1) student attainment, which measures academic and technical skills; (2) completion, which looks at graduation rate; (3) placement and persistence, which focuses on employment, further study, and retention; and (4) equity of program enrollment and completion, which includes representation in enrollment and graduates. For indicator 1, the VCCS fell approximately 2 points under the agreed-upon levels of 70% for academic attainment and 83% for skill proficiencies. For indicator 2, the VCCS narrowly surpassed the agreed-upon level of 18%. For indicator 3, the system fell just under the standard levels of 75% for placement and 90% for retention. Finally, for indicator 4, the VCCS surpassed the standard participation level of 19% by almost 2 points. It also surpassed by more than 5 points the agreed-upon level of 23% for completion. Results are detailed in the report's three charts. (EMH)

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# Perkins Core Performance Measures Results and Targets 2000-2001



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## **PERKINS III CORE PERFORMANCE STANDARDS AND MEASURES VCCS INDICATORS**

- Perkins performance measure definitions for the System were finalized with the Virginia and federal departments of education in Fall 2000 (see TABLE 1).
- System level performance measures for the most recent data cycle, 2000-01, are arrayed in TABLE 2.
- Federally approved VCCS or System-level targets for the 2000-01 reporting cycle were established and reviewed through Spring 2001(see TABLE 2). The latest VCCS performance targets through 2003-04were approved in Fall 2001 and are also listed in Table 2.
- College performance data are for college and Workforce Development staff planning and evaluation activities (see Table 3). Only System-level data are compared to System-level targets in the annual report submitted to DOE.

Copies available at: <http://www.so.cc.va.us/vccsasr/Research/index.html>

TABLE 1

**PERKINS III DEFINITIONS  
CORE PERFORMANCE STANDARDS AND MEASURES  
VCCS INDICATORS**

**Core Indicator 1: Student Attainment**

**1P1 Academic Skills**

This measure is the percentage of technical majors in certificate, diploma, and degree programs successfully completing an academic skills course. Specifically, for a fall term all registrations for occupational-technical students in math, English, biology, chemistry, geology, physics, and natural science at the 100 level or higher are subset and unduplicated. This forms the denominator. An unduplicated count of students with grades of "C" or above is the numerator.

**1P2 Technical Skills**

Percentage of technical majors in certificate, diploma, and degree programs successfully completing a technical skills course is the basic measure. Specifically, for a fall term all registrations for occupational-technical students in occupational-technical courses (HEGIS codes greater than 5000) are subset and unduplicated. This forms the denominator. An unduplicated count of students with grades of "C" or above is the numerator.

**Core Indicator 2: Completion**

**2P2 Graduation Rate**

A subset of the federal student right-to-know measure is used which is the number of first-time, full-time, occupational-technical freshmen completing a program within 150% of the program length (numerator) as a percentage of the occupational-technical cohort beginning the same fall semester (denominator).

**TABLE 1 (cont.)**

**Core Indicator 3: Placement and Persistence**

**3P1 Placement, Employment and Further Study**

Virginia employment information is obtained for technical graduates within 6-12 months following graduation. Specifically, graduates of an academic year are tracked using UI files to determine their employment status in Virginia in the 4<sup>th</sup> quarter of that calendar year. For the same graduates, State Council staff determines the number enrolled at a 4-year institution during the corresponding fall semester. The measure is the unduplicated count of those working or studying as a percentage of the total graduates.

**3P2 Retention, Employment**

Retention is defined as the percentage of those graduates found to be working, as defined in the placement measure, 3P1, who continue working for a period of at least one quarter. For example, graduates identified as working in 4<sup>th</sup> qtr. 1999 would be matched against UI employment information for 1<sup>st</sup> qtr. 2000. No baseline information has been produced. Not required in 2000-01.

**Core Indicator 4: Equity: Program Enrollment and Completion**

**4P1 Representation, Enrollment**

The enrollment measure is the combined minority gender enrollments for each program as a percentage of the total enrollment for all "under-represented" programs. "Under-represented" programs are those related to occupations with gender under-representation (less than 25% minority employment, U.S. Census Household Survey). The minority gender for 4P1 and 4P2 is defined according to national gender splits for the occupations, not the gender with the lowest enrollments or graduates in VCCS programs.

**4P2 Representation, Graduates**

Similarly for the same "under-represented" programs, the representation measure for graduates is defined as the combined number of minority gender graduates from each of these programs as a percentage of the total graduates for all "under-represented" programs

**Table 2****November 2001 Update****VIRGINIA-Postsecondary****Final Agreed Upon Performance Levels for 2000-01 and Years 3, 4 and 5**

These are the final baselines and adjusted performance levels agreed upon by the State and the U.S. Department of Education for Years 3, 4, and 5. These baselines and adjusted performance levels are incorporated into the State plan as a condition of approval pursuant to section 113(b)(3)(A)(v) of the Carl D. Perkins Vocational and Technical Education Act of 1998, 20 U.S.C. 2301 et seq., as amended by Public Law 105-332.

Column 1	Column 2	Column 3	Column 4	Column 4A	Column 5	Column 6	Column 7	Column 8
Core Sub-Indicator	Measurement Definition	Measurement Approach DOE Codes	Final Agreed Upon Baseline	Actual Levels 2000-01	Agreed Upon Level 2000-01	7/1/01-6/30/02	7/1/02-6/30/03	7/1/03-6/30/04
<b>1P1 Academic Attainment</b>	<b>Numerator:</b> Number of occupational-technical students enrolled in math, English, biology, chemistry, geology, physics, and/or natural sciences at the 100 level or higher who have a "C" or better in the academic course. <b>Denominator:</b> Number of occupational-technical students enrolled in math, English, biology, chemistry, geology, physics, and/or natural sciences at the 100 level or higher.	<b>2</b>	<b>69.65%</b>	<b>67.97%</b>	<b>70.08%</b>	<b>70.13%</b>	<b>70.18%</b>	<b>70.23%</b>
<b>1P2 Skill Proficiencies</b>	<b>Numerator:</b> Number of occupational-technical students enrolled in occupational-technical courses with HEGIS codes greater than 5000 who have a "C" or better in the occupational-technical course. <b>Denominator:</b> Number of occupational-technical students enrolled in occupational-technical courses with HEGIS codes greater than 5000.	<b>4</b>	<b>82.55%</b>	<b>81.26%</b>	<b>83.00%</b>	<b>83.05%</b>	<b>83.10%</b>	<b>83.15%</b>
<b>2P1 Completion</b>	<b>Numerator:</b> Number who earn an award/degree within 150 percent of the program length. <b>Denominator:</b> Number of new	<b>1</b>	<b>17.76%</b>	<b>18.40%</b>	<b>18.00%</b>	<b>18.05%</b>	<b>18.10%</b>	<b>18.15%</b>



**Table 3**

**College Results  
Perkins Performance Indicators: 2000-01 Data Cycle**

The measures are based on Fall 2000 enrollments and grades (1P1, 1P2, and 4P1), 1999-2000 graduates (3P1, 3P2, 4P2), and a fall 1998 entering cohort (2P1).

Denominators and numerators are defined in Table 2. All tabled values are percentages.

	1P1	1P2	2P1	3P1	3P2	4P1	4P2
BRCC	81.8	91.9	32.3	82.7	81.0	9.1	18.3
CVCC	78.6	86.8	23.0	77.9	93.2	19.6	29.7
DSLCC	68.9	83.5	31.2	76.7	94.4	16.0	9.2
DCC	72.4	85.1	35.3	75.5	89.3	13.2	9.4
ESCC	69.5	83.7	40.0	71.6	78.7	26.9	19.6
GCC	73.5	83.0	18.2	79.0	91.2	18.1	11.4
JSRCC	62.0	76.7	14.5	77.7	91.9	20.6	18.9
JTCC	74.5	82.8	17.7	82.4	89.9	20.3	41.3
LFCC	76.1	82.9	30.9	74.5	88.3	13.8	42.4
MECC	63.0	79.3	22.1	53.7	87.9	14.4	11.7
NRCC	70.3	81.5	31.5	83.1	89.1	11.0	18.5
NVCC	62.8	77.1	6.8	62.5	88.6	28.1	31.0
PHCC	78.3	89.5	29.0	75.6	86.9	22.8	25.4
PDCCC	70.4	76.2	4.2	72.9	83.3	28.5	29.6
PVCC	74.7	83.8	2.6	81.2	79.0	24.6	27.8
RCC	72.5	80.8	20.0	81.7	95.7	19.0	22.1
SVCC	75.6	84.5	19.1	69.5	84.1	11.2	43.0
SWCC	65.9	77.3	17.3	66.9	87.4	26.1	43.8
TNCC	65.6	80.5	7.6	68.4	91.1	23.1	35.6
TCC	67.7	84.8	10.8	63.3	86.8	20.0	39.2
VHCC	65.0	82.9	16.8	64.5	87.7	18.6	19.7
VWCC	58.1	79.3	16.2	71.3	91.2	25.6	26.9
WCC	79.6	87.4	44.2	74.1	89.6	12.0	11.9
VCCS	68.0	81.3	18.4	70.6	88.7	20.8	28.1





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